



# Colex International Limited

## Heavy Duty Suction Hose

### Applications

Heavy duty suction applications in agriculture industry and construction. Suitable for the conveyance of water, slurry, sewage, some solids and granules and gases.

### Chemical Resistance

Resistant to most oxidising and reducing agents and diluted acids and alkalis.

### Vacuum \*

711mm Hg = 94% at 20 °C

### Temperatures \*

-15 °C to +65 °C. Cold bend - 45 °C



Weather resistant and durable

Excellent pressure and vacuum ratings

Constructed from 100% PVC

Part Number	Nominal ID		Wall Thickness (mm)	Working Pressure *		Kgs/30m	Bend Radius (mm) *	ID Tolerances (ins)	Lengths Available Ex Stock	Colours Available Ex Stock
	(ins)	(mm)		psi	bar					
HDS100	1	25.4	4.45	191	13.0	15.87	160	+0.020/-0.020	30m	Bottle green & grey
HDS125	1 ¼	31.75	4.57	147	10.0	19.95	200	+0.020/-0.020	30m	Bottle green & grey
HDS150	1 ½	38.1	5.08	117	8.0	26.61	225	+0.020/-0.020	30m	Bottle green & grey
HDS200	2	50.8	5.59	102	7.0	38.28	255	+0.040/-0.040	30m	Bottle green & grey
HDS250	2 ½	63.5	6.10	88	6.0	50.85	300	+0.020/-0.020	30m	Bottle green & grey
HDS300	3	76.2	6.60	88	6.0	67.11	355	+0.040/-0.040	30m	Bottle green & grey
HDS350	3 ½	88.9	6.99	73	5.0	81.96	375	+0.040/-0.040	30m	Bottle green
HDS400	4	101.6	8.00	58	4.0	107.37	400	+0.060/-0.060	2.44m, 2.74m, 3.05m & 30m 2.31m, 2.44m, 2.74m, 2.92m & 30m	Bottle green Grey
HDS500	5	127	8.64	58	4.0	142.80	625	+0.060/-0.060	30m	Bottle green
HDS600	6	152.4	10.16	58	4.0	201.51	975	+0.060/-0.060	30m	Bottle green

### Features of Colex International Heavy Duty Suction Hose:

The wall is constructed from a rigid PVC spiral encased in flexible PVC.

Lightweight and very flexible.

Minimum friction and maximum flow is maintained by the smooth bore.

Good abrasion, rot and chemical resistance.

Wide operating temperature range.

Good crush and kink resistance.

**Colex can also supply non standard colours where required (subject to minimum order quantities)**

\* For use as a guide only

HDS is supplied coiled and cling wrapped. Lengths are supplied in bags.

Pressures: Values given are based on the short term burst pressure of the hose at 20 °C based on a 3:1 safety factor. Any increase in temperature above 20 °C will result in a decline in working pressure values.

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## Medium Duty Suction Hose

### Applications

General pumping and suction applications in agriculture, industry and construction. Suitable for the conveyance of water, sludge, chemicals, slurry and other waste matter.

### Chemical Resistance

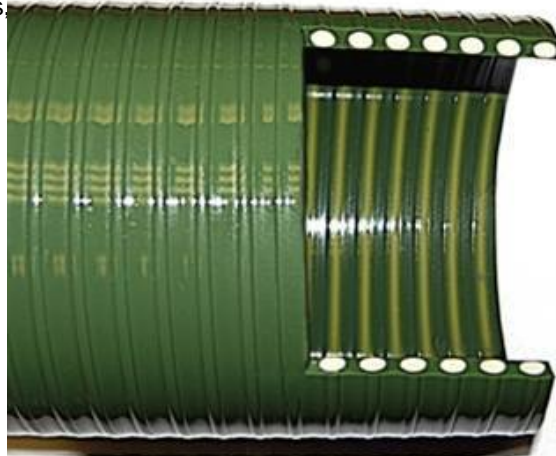
Resistant to most oxidising and reducing agents and diluted acids and alkalis.

### Vacuum \*

680mm Hg = 90% at 20 °C

### Temperatures \*

-15 °C to +65 °C. Cold bend - 45 °C



Weather resistant and durable

Lightweight and flexible

Constructed from 100% PVC

Part Number	Nominal ID		Wall Thickness (mm)	Working Pressure*		Kgs/30m	Bend Radius* (mm)	ID Tolerances (ins)	Lengths Available Ex Stock	Colours Available Ex Stock
	(ins)	(mm)		psi	bar					
MDS100	1	25.4	3.40	117	8.0	11.07	125	+0.020/-0.020	30m	Olive green
MDS125	1 ¼	31.75	3.61	102	7.0	14.34	150	+0.020/-0.020	30m	Olive green
MDS150	1 ½	38.1	3.80	88	6.0	17.73	175	+0.020/-0.020	30m	Olive green
MDS200	2	50.8	4.29	88	6.0	26.19	225	+0.040/-0.040	30m	Olive green
MDS250	2 ½	63.5	4.60	73	5.0	34.80	305	+0.040/-0.040	30m	Olive green
MDS300	3	76.2	5.82	58	4.0	52.71	355	+0.040/-0.040	3.05m & 30m	Olive green
MDS350	3 ½	88.9	5.99	58	4.0	63.72	375	+0.040/-0.040	30m	Olive green
MDS400	4	101.6	6.30	58	4.0	76.47	430	+0.060/-0.060	2.44m, 2.74m, 3.05m & 30m	Olive green
MDS500	5	127	7.20	44	3.0	107.79	500	+0.060/-0.060	30m	Olive green
MDS600	6	152.4	8.70	44	3.0	162.12	760	+0.060/-0.060	20m & 30m	Olive green

### Features of Colex International Medium Duty Suction Hose:

Approximately 15% lighter than heavy duty suction hose.

The wall is constructed from a rigid PVC spiral encased in flexible PVC.

Minimum friction and maximum flow is maintained by the smooth bore.

Good abrasion, rot and chemical resistance.

Wide operating temperature range.

Good crush and kink resistance.

**Colex can also supply non standard colours where required (subject to minimum order quantities)**

\* For use as a guide only

MDS is supplied coiled and cling wrapped. Lengths are supplied in bags. Larger coils are supplied wrapped in sacking.

Pressures: Values given are based on the short term burst pressure of the hose at 20°C based on a 3:1 safety factor. Any increase in temperature above 20°C will result in a decline in working pressure values.

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# Colex International Limited

## Water Delivery Hose

### Applications

Delivery and light suction of water, sewage, some granules, chemicals, slurry, and other waste matter. Particularly suitable for horticultural and marine industries.

### Chemical Resistance

Resistant to most oxidising and reducing agents and diluted acids and alkalis.

### Vacuum \*

570mm Hg = 75% at 20 °C

### Temperatures \*

-15 °C to +65 °C. Cold bend - 45 °C



Lightweight and flexible

Weather resistant and durable

Constructed from 100% PVC

Part Number	Nominal ID		Wall Thickness (mm)	Working Pressure*		Kgs/30m	Bend Radius (mm)	ID Tolerances (ins)	Lengths Available Ex Stock	Colours Available Ex Stock
	(ins)	(mm)		psi	bar					
WDH050	½	13	2.7	130	9.0	4.8	75	+0.020/-0.020	30m	Black & translucent green
WDH075	¾	19.05	3.30	117	8.0	8.88	55	+0.020/-0.020	30m	Black & translucent green
WDH100	1	25.4	3.30	102	7.0	11.52	100	+0.020/-0.020	30m	Black & translucent green
WDH125	1 ¼	31.75	3.43	102	7.0	14.70	115	+0.020/-0.020	30m	Black & translucent green
WDH150	1 ½	38.1	3.56	88	6.0	17.94	150	+0.020/-0.020	30m	Black & translucent green
WDH200	2	50.8	4.32	73	5.0	28.71	225	+0.040/-0.040	30m	Black & translucent green
WDH250	2 ½	63.5	4.57	58	4.0	37.35	240	+0.020/-0.020	30m	Black & translucent green
WDH300	3	76.2	5.08	58	4.0	48.81	265	+0.040/-0.040	30m	Black & translucent green
WDH400	4	101.6	5.84	44	3.0	75.54	330	+0.040/-0.040	30m	Black & translucent green

### Features of Colex International Water Delivery Hose:

The wall is constructed from a rigid PVC spiral encased in flexible PVC.

Minimum friction and maximum flow is maintained by the smooth bore.

Good abrasion, rot and chemical resistance.

Excellent pressure and vacuum ratings.

Wide operating temperature range.

Good crush and kink resistance.

**Colex can also supply non standard colours where required (subject to minimum order quantities)**

\* For use as a guide only

WDH is supplied coiled and cling wrapped.

Pressures: Values given are based on the short term burst pressure of the hose at 20 °C based on a 3:1 safety factor. Any increase in temperature above 20 °C will result in a decline in working pressure values.

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# Colex International Limited

## General Purpose Vacuum Hose

### Applications

Industrial cleaning equipment, conveyance and extraction of fumes, gas, liquids, air, granules etc. Suitable for any application requiring flexible or lightweight ducting hose.

### Chemical Resistance

Resistant to most oxidising and reducing agents and diluted acids and alkalis.

### Vacuum \*

600mm Hg = 80% at 20 °C

### Temperatures \*

-15 °C to +65 °C. Cold bend - 45 °C



Weather resistant and durable

Constructed from 100% PVC

Lightweight and flexible

Part Number	Nominal ID		Wall Thickness (mm)	Working Pressure *		Kgs/30m	Bend Radius (mm) *	ID Tolerances (ins)	Lengths Available Ex Stock	Colours Available Ex Stock
	(ins)	(mm)		psi	bar					
GVH100	1	25.4	2.79	73	5.0	7.41	55	+0.020/-0.020	30m	Grey
GVH125	1 ¼	31.75	3.94	73	5.0	12.30	65	+0.020/-0.020	30m	Grey
GVH150	1 ½	38.1	3.81	56	4.0	13.32	65	+0.020/-0.020	30m	Grey
GVH200	2	50.8	4.57	56	4.0	21.06	80	+0.040/-0.040	30m	Grey
GVH250	2 ½	63.5	4.95	48	3.3	28.44	110	+0.040/-0.040	30m	Grey
GVH300	3	76.2	5.84	44	3.0	40.32	215	+0.040/-0.040	30m	Grey
GVH400	4	101.6	5.97	44	3.0	54.57	280	+0.060/-0.060	30m	Grey

### Features of Colex International General Purpose Vacuum Hose:

The wall is constructed from a rigid PVC spiral encased in flexible PVC.

Minimum friction and maximum flow is maintained by the smooth bore.

Good abrasion, rot and chemical resistance.

Excellent pressure and vacuum ratings.

Wide operating temperature range.

Good crush and kink resistance.

**Also available in yellow or black flame retardant grade (subject to minimum order quantities)**

\* For use as a guide only

GVH is supplied coiled and cling wrapped.

Pressures: Values given are based on the short term burst pressure of the hose at 20 °C based on a 3:1 safety factor. Any increase in temperature above 20 °C will result in a decline in working pressure values.

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# Colex International Limited

## Extraflexible Suction Hose

### Applications

General pumping and discharge applications requiring a greater flexibility than standard hose. Particularly suitable for use with vacuum tankers handling slurry and cold stores or outdoor applications.

### Chemical Resistance

Resistant to most oxidising and reducing agents and diluted acids and alkalis.

### Construction

Manufactured from a soft grade of PVC to increase hose flexibility covered with a rigid PVC exterior anti-scuff stripe to increase abrasion resistance & durability.

### Vacuum \*

680mm Hg = 90% at 20 °C.

### Temperatures \*

-25 °C to +60 °C. Cold bend - 45 °C.



Lightweight and very flexible

Constructed from 100% PVC

Part Number	Nominal ID		Wall Thickness (mm)	Working Pressure *		Kgs/30m	Bend Radius (mm) *	ID Tolerances (ins)	Lengths Available Ex Stock	Colours Available Ex Stock
	(ins)	(mm)		psi	bar					
XFMDs100	1	25.4	3.81	102	7.0	15.45	127	+0.020/-0.020	30m	Grey with a black anti-scuff stripe
XFMDs125	1 ¼	31.75	3.94	102	7.0	18.93	130	+0.020/-0.020	30m	Grey with a black anti-scuff stripe
XFMDs150	1 ½	38.1	4.06	88	6.0	23.40	150	+0.020/-0.020	30m	Grey with a black anti-scuff stripe
XFMDs200	2	50.8	4.83	76	5.0	35.67	200	+0.040/-0.040	30m	Grey with a black anti-scuff stripe
XFMDs250	2 ½	63.5	5.33	67	4.6	48.06	240	+0.020/-0.020	30m	Grey with a black anti-scuff stripe
XFMDs300	3	76.2	5.59	58	4.0	58.32	275	+0.040/-0.040	30m	Grey with a black anti-scuff stripe
XFMDs400	4	101.6	6.99	58	4.0	102.45	320	+0.060/-0.060	30m	Grey with a black anti-scuff stripe
XFMDs500	5	127	8.13	54	3.7	145.74	500	+0.060/-0.060	30m	Grey with a black anti-scuff stripe
XFMDs600	6	152.4	9.40	44	3.0	199.14	600	+0.060/-0.060	30m	Grey with a black anti-scuff stripe

### Features of Colex International Extraflexible Suction Hose:

The wall is constructed from a rigid PVC spiral encased in flexible PVC with further rigid PVC anti-scuff stripe.

Minimum friction and maximum flow is maintained by the smooth bore.

Good abrasion, rot and chemical resistance.

Excellent pressure and vacuum ratings.

Wide operating temperature range.

Good crush and kink resistance.

Weather resistant and durable.

**Colex can also supply non standard colours where required (subject to minimum order quantities)**

\* For use as a guide only

XFMDs is supplied coiled and cling wrapped.

Pressures: Values given are based on the short term burst pressure of the hose at 20 °C based on a 3:1 safety factor. Any increase in temperature above 20 °C will result in a decline in working pressure values.

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## Food Quality Suction & Discharge Hose

### Applications

Suitable for the suction and discharge of solids and liquids (including water) in the manufacture of food, beverages and constituent ingredients.

### Chemical Resistance

Resistant to most oxidising and reducing agents and diluted acids and alkalis.

### Vacuum \*

570mm Hg = 75% at 20°C

### Temperatures \*

-15°C to +65°C. Cold bend - 45°C



Food Use

Weather resistant and durable

Constructed from 100% PVC

Part Number	Nominal ID		Wall Thickness (mm)	Working Pressure *		Kgs/30m	Bend Radius (mm) *	ID Tolerances (ins)	Lengths Available Ex Stock	Colours Available Ex Stock
	(ins)	(mm)		psi	bar					
HDFQ100	1	25.4	3.30	102	7.0	11.52	100	+0.020/-0.020	30m	Clear with white spiral
HDFQ125	1 ¼	31.75	3.43	88	6.0	14.70	115	+0.020/-0.020	30m	Clear with white spiral
HDFQ150	1 ½	38.1	3.56	73	5.0	17.94	150	+0.020/-0.020	30m	Clear with white spiral
HDFQ200	2	50.8	4.32	53	3.6	28.71	255	+0.040/-0.040	30m	Clear with white spiral
HDFQ250	2 ½	63.5	4.57	44	3.0	37.44	300	+0.020/-0.020	30m	Clear with white spiral
HDFQ300	3	76.2	5.08	44	3.0	49.47	355	+0.040/-0.040	30m	Clear with white spiral
HDFQ400	4	101.6	5.84	42	2.9	75.54	400	+0.040/-0.040	30m	Clear with white spiral

### Features of Colex International Food Quality Suction & Discharge Hose:

The raw materials used have approval for use with foodstuffs.

The wall is constructed from a rigid PVC spiral encased in flexible PVC.

Minimum friction and maximum flow is maintained by the smooth bore.

Good abrasion, rot and chemical resistance.

Wide operating temperature range.

Good crush and kink resistance.

**Colex can also supply non standard colours where required (subject to minimum order quantities)**

\* For use as a guide only

HDFQ is supplied coiled and cling wrapped.

Pressures: Values given are based on the short term burst pressure of the hose at 20°C based on a 3:1 safety factor. Any increase in temperature above 20°C will result in a decline in working pressure values.

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## Oil Resistant Suction & Discharge Hose

### Applications

Suitable for the suction and discharge of black fuel oils, gas and other oils with a low aromatic content, Kerosene, paraffin diesel oil Naphthalene oil, mineral based hydraulic oils, lubricating oils, greases and Tall oils.

### Chemical Resistance

Resistant to the oils and greases detailed above.

HDOR is not suitable for use with Benzene, petrol, spirits, Xylol, Toluol or solvents containing aromatics

### Vacuum \*

711mm Hg = 94% at 20 °C

### Temperatures \*

-20 °C to +60 °C. Cold bend - 45 °C



Weather resistant and durable

Lightweight and flexible

Manufactured from a PVC Nitrile blend

Part Number	Nominal ID		Wall Thickness (mm)	Working Pressure*		Kgs/30m	Bend Radius (mm)	ID Tolerances (ins)	Lengths Available Ex Stock	Colours Available Ex Stock
	(ins)	(mm)		psi	bar					
HDOR075	¾	19.05	3.30	116	7.0	8.88	25	+0.020/-0.020	30m	Blue
HDOR100	1	25.4	3.30	102	7.0	11.55	35	+0.020/-0.020	30m	Blue
HDOR125	1 ¼	31.75	3.43	102	7.0	14.58	55	+0.020/-0.020	30m	Blue
HDOR150	1 ½	38.1	3.56	88	6.0	17.94	80	+0.020/-0.020	30m	Blue
HDOR200	2	50.8	4.32	103	7.0	38.31	130	+0.040/-0.040	30m	Blue
HDOR250	2 ½	63.5	6.10	88	6.0	50.91	300	+0.020/-0.020	30m	Blue
HDOR300	3	76.2	6.73	73	5.0	67.14	355	+0.040/-0.040	30m	Blue
HDOR400	4	101.6	8	73	5.0	107.46	400	+0.060/-0.060	30m	Blue

### Features of Colex International Oil Resistant Suction & Discharge Hose:

The wall is constructed from a rigid PVC spiral encased in flexible PVC.

Minimum friction and maximum flow is maintained by the smooth bore.

Good abrasion, rot and chemical resistance.

Excellent pressure and vacuum ratings.

Wide operating temperature range.

Good crush and kink resistance.

**Colex can also supply non standard colours where required (subject to minimum order quantities)**

\* For use as a guide only

HDOR is supplied coiled and cling wrapped.

Pressures: Values given are based on the short term burst pressure of the hose at 20 °C based on a 3:1 safety factor. Any increase in temperature above 20 °C will result in a decline in working pressure values.

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# Colex International Limited

## Flexacier Wire Reinforced Suction Hose

### Applications

Suitable for the suction and discharge of foodstuffs, water, slurry, sewage, chemicals, granules and other waste materials.

### Chemical Resistance

Resistant to most oxidising and reducing agents and diluted acids and alkalis.

### Construction

Clear PVC reinforced with a high tensile steel helix.

### Vacuum \*

711mm Hg = 94% at 20 °C

### Temperatures \*

-10 °C to +60 °C. Cold bend - 45 °C



Weather resistant and durable

Suitable for food use

Part Number	Nominal ID		Wall Thickness (mm)	Working Pressure*		Kgs/ 1m	Bend Radius* (mm)	Lengths Available Ex Stock	Colours Available Ex Stock
	(ins)	(mm)		psi	bar				
FX075	3/4	19.05	3.5	73	5.0	0.35	34	30m	Clear with a wire spiral
FX100	1	25.4	4	73	5.0	0.50	42	30m	Clear with a wire spiral
FX125	1 ¼	31.75	4.2	58	4.0	0.65	53	30m	Clear with a wire spiral
FX150	1 ½	38.1	4.5	58	4.0	0.80	63	30m	Clear with a wire spiral
FX200	2	50.8	5	58	4.0	1.24	82	30m	Clear with a wire spiral
FX250	2 ½	63.5	5.9	52	3.6	1.80	138	30m	Clear with a wire spiral
FX300	3	76.2	6.1	52	3.6	2.20	164	30m	Clear with a wire spiral
FX400	4	101.6	6.5	25	2.4	3.35	215	30m	Clear with a wire spiral
FX600	6	152	10.1	17	1.2	6.9	450	20m	Clear with a wire spiral

### Features of Colex International Flexacier Wire Reinforced Suction Hose:

The raw materials used have approval for use with foodstuffs.

Lightweight and very flexible.

Minimum friction and maximum flow is maintained by the smooth bore.

Good abrasion, rot and chemical resistance.

Wide operating temperature range.

Good crush and kink resistance.

\* For use as a guide only

Pressures: Values given are based on the short term burst pressure of the hose at 20 °C based on a 3:1 safety factor. Any increase in temperature above 20 °C will result in a decline in working pressure values.

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# Colex International Limited

## Layflat Delivery Hose

### Applications

Suitable for conveyance and discharge of water, particularly for irrigation and water supply. Also used in general industry, civil and construction engineering.

### Chemical Resistance

Resistant to most oxidising and reducing agents and diluted acids and alkalis.

### Construction

Flexible PVC with a closely woven yarn reinforcement. The inner and outer walls are inseparably fused.

### Temperatures \*

-15°C to +55°C.



Weather resistant and durable

Completely collapsible

Part Number	Nominal ID		Nominal OD	Working Pressure*		Kgs/1m	Lengths Available Ex Stock	Colours Available Ex Stock
	(ins)	(mm)		psi	bar			
LFL150	1 ½	38.1	40.4	58	4.0	0.22	100m	Blue
LFL200	2	50.8	53.4	51	3.5	0.27	100m	Blue
LFL250	2 ½	63.5	66.8	51	3.5	0.36	100m	Blue
LFL300	3	76.2	78.8	51	3.5	0.40	100m	Blue
LFL400	4	101.6	105.2	44	3.0	0.60	100m	Blue
LFL600	6	152	153.2	44	3.0	1.30	100m	Blue

### Features of Colex International Layflat Delivery Hose:

Lightweight, flexible and very strong.

Completely collapsible when not in use.

Minimum friction and maximum flow is maintained by the smooth bore.

Good abrasion, rot and chemical resistance.

Excellent pressure and vacuum ratings.

Wide operating temperature range.

\* For use as a guide only

Pressures: Values given are based on the short term burst pressure of the hose at 20°C based on a 3:1 safety factor. Any increase in temperature above 20°C will result in a decline in working pressure values.

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